

L1 ANSWER 1 OF 1 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD

AN 1995-156556 [21] WPIDS

DNC C1995-072082

TI Colloidal dispersible liq. formulation of sparingly soluble agent - contg. copolymer of vinyl-pyrrolidone and/or vinyl caprolactone, and surfactant, useful in plant protectants.

DC A14 A96 B07

IN BRUEGGEN, K; DEHNE, H; DUTZMANN, S; GOOSSENS, J; PENNERS, G; GOESSENS, J

PA (FARB) BAYER AG

CYC 23

PI EP 649649 A2 19950426 (199521)* DE 10p <--

R: AT BE CH DE DK ES FR GB IT LI NL PT SE

DE 4422881 A1 19950427 (199522)

CZ 9402625 A3 19950517 (199528)

SK 9401270 A3 19950510 (199528)

FI 9404974 A 19950426 (199529)

HU 69064 T 19950828 (199540)

JP 07233300 A 19950905 (199544) 9p

BR 9404225 A 19950704 (199719)

CN 1102757 A 19950524 (199726)

TW 307659 A 19970611 (199738)

IL 111356 A 19981227 (199907)

HU 216063 B 19990428 (199924)

RU 2138525 C1 19990927 (200037)

ADT EP 649649 A2 EP 1994-116068 19941012; DE 4422881 A1 DE 1994-4422881 19940630; CZ 9402625 A3 CZ 1994-2625 19941024; SK 9401270 A3 SK 1994-1270 19941019; FI 9404974 A FI 1994-4974 19941021; HU 69064 T HU 1994-3066 19941024; JP 07233300 A JP 1994-282397 19941024; BR 9404225 A BR 1994-4225 19941024; CN 1102757 A CN 1994-117633 19941025; TW 307659 A TW 1994-108779

19940923; IL 111356 A IL 1994-111356 19941021; HU 216063 B HU 1994-3066 19941024; RU 2138525 C1 RU 1994-37955 19941024

FDT HU 216063 B Previous Publ. HU 69064

PRAI DE 1993-4336309 19931025; DE 1994-4422881 19940630

AB EP 649649 A UPAB: 19950602

A colloidal dispersible liq. active agent formulation contains (A) a sparingly soluble active ingredient; (B) a copolymer of vinyl pyrrolidone and/or vinyl caprolactam and at least one hydrophobic comonomer which reduces the water solubility of the polymer; (C) one or more surfactants; and (D) opt. further additives; and/or (E) a diluent miscible with components (A), (B) or (C).

Pref. copolymer comprises vinylpyrrolidone units and vinyl ester units contg. 2-18C linear carboxylic acid gp..

USE - The vinyl pyrrolidone based copolymers can be used in formulations of sparingly water-soluble active ingredients which are opt. also sparingly soluble in a polar solvents. The formulations are esp. suitable for use in plant protection as herbicides, fungicides or pesticides.

ADVANTAGE - The formulations form homogeneous solns. or colloidal dispersions in aq. media which, in comparison to the conventional aq. active ingredient formulations have considerably greater stability, better application potential and are more effective, as a result of increased bioavailability of active ingredient.

Dwg.0/0